



ARKANSAS DEPARTMENT OF HEALTH

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Secretary of Health**

COVID-19 Variant of Concern (VOC) Case Report Arkansas, 2021

Week Ending Saturday 07/10/2021

The Arkansas Department of Health (ADH) receives COVID-19 variant reports of cases that were sequenced for selected Arkansas residents. These are not the counts of all the variants in the state, and is only based on a very small, non-random, convenience sample of cases. Therefore, it is important to understand that the information in this weekly update is representative of the timing and location of activity, but it does not reflect the overall burden of disease. It is presumed that there are many more people affected than the report shows. Clinicians and policy makers may find the report helpful in terms of communicating to colleagues and patients about the current status of variants in the state.

Most of these cases are reported by GISAID and GenBank and identified by ADH staff with assistance from the testing labs. Other data are obtained from Outbreak.info website.

Due to time lag in getting sequencing results, data are subject to change over time and will be updated as more data become available.

July 12, 2021

Cumulative Number of Arkansas Specimens Sequenced as of July 10, 2021

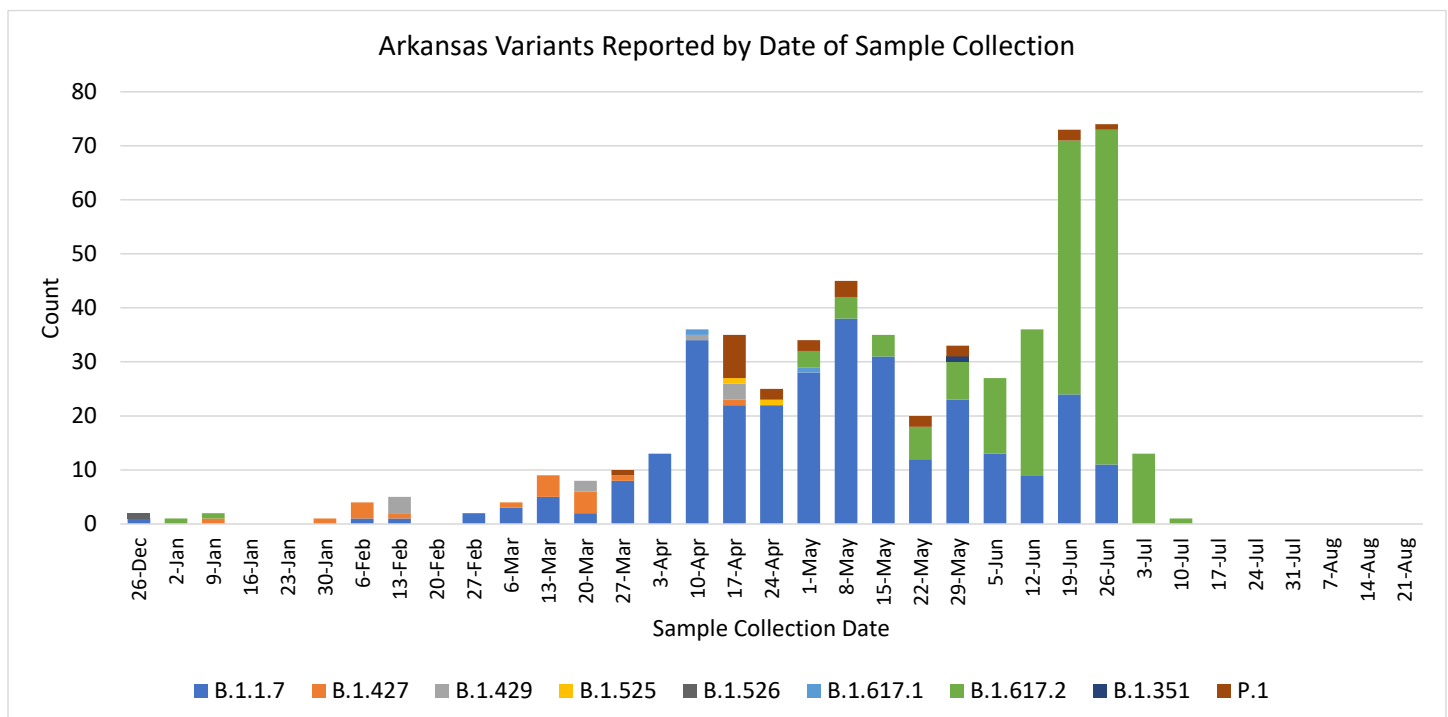
Total Arkansas Sequences = 1,218

Name, WHO label (First Detected)	AR Sequenced Cases*	Percent of Arkansas Sequences	National Percentage**
B.1.1.7, Alpha (UK)	420	34.5%	32%
P.1, Gamma (Brazil)	32	2.6%	3%
B.1.617.2, Delta (India)	225	18.5%	3%
B.1.351, Beta (S. Africa)	1	<0.5%	<0.5%
B.1.429, Epsilon (California)***	17	1.4%	6%
B.1.427, Epsilon (California)***	25	2.1%	3%
B.1.525, Eta (UK/Nigeria) ***	4	<0.5%	<0.5%
B.1.526, Iota (New York)***	20	1.6%	8%
B.1.617.1, Kappa (India) ***	9	0.7%	<0.5%

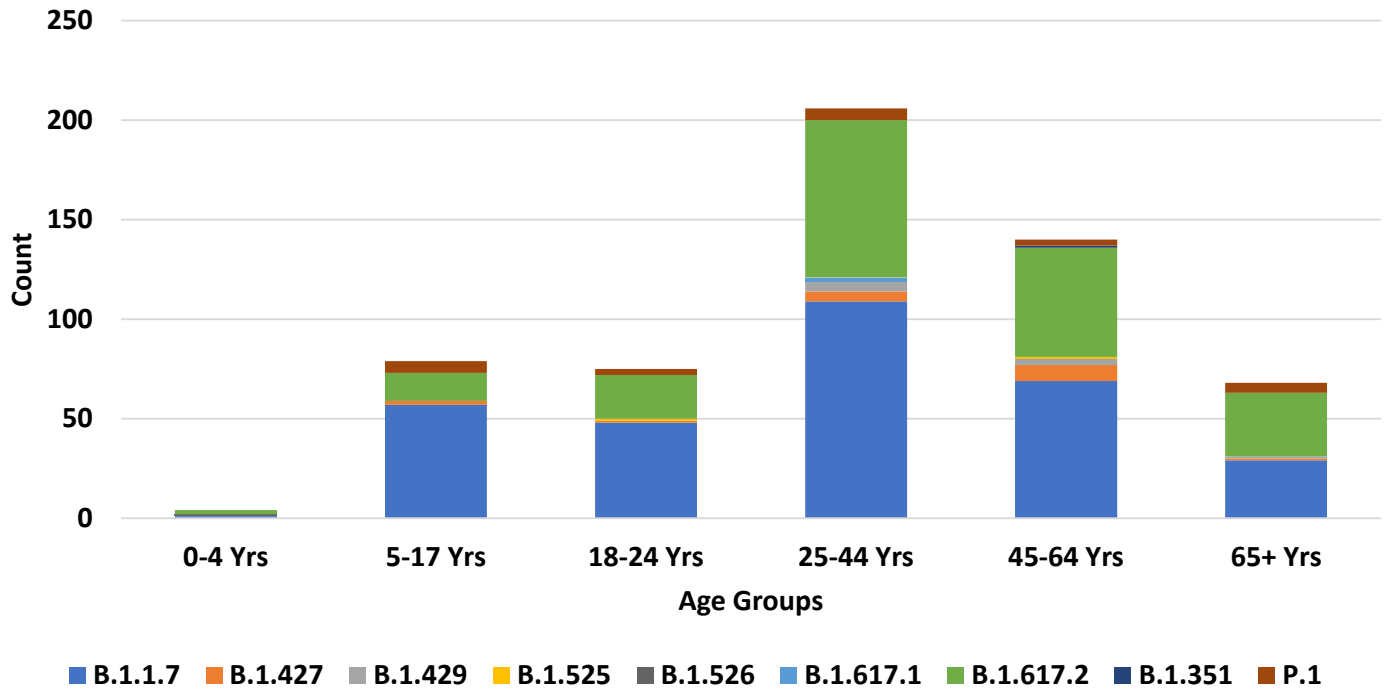
* Data obtained from GISAID

** Data obtained from <https://outbreak.info/situation-reports>

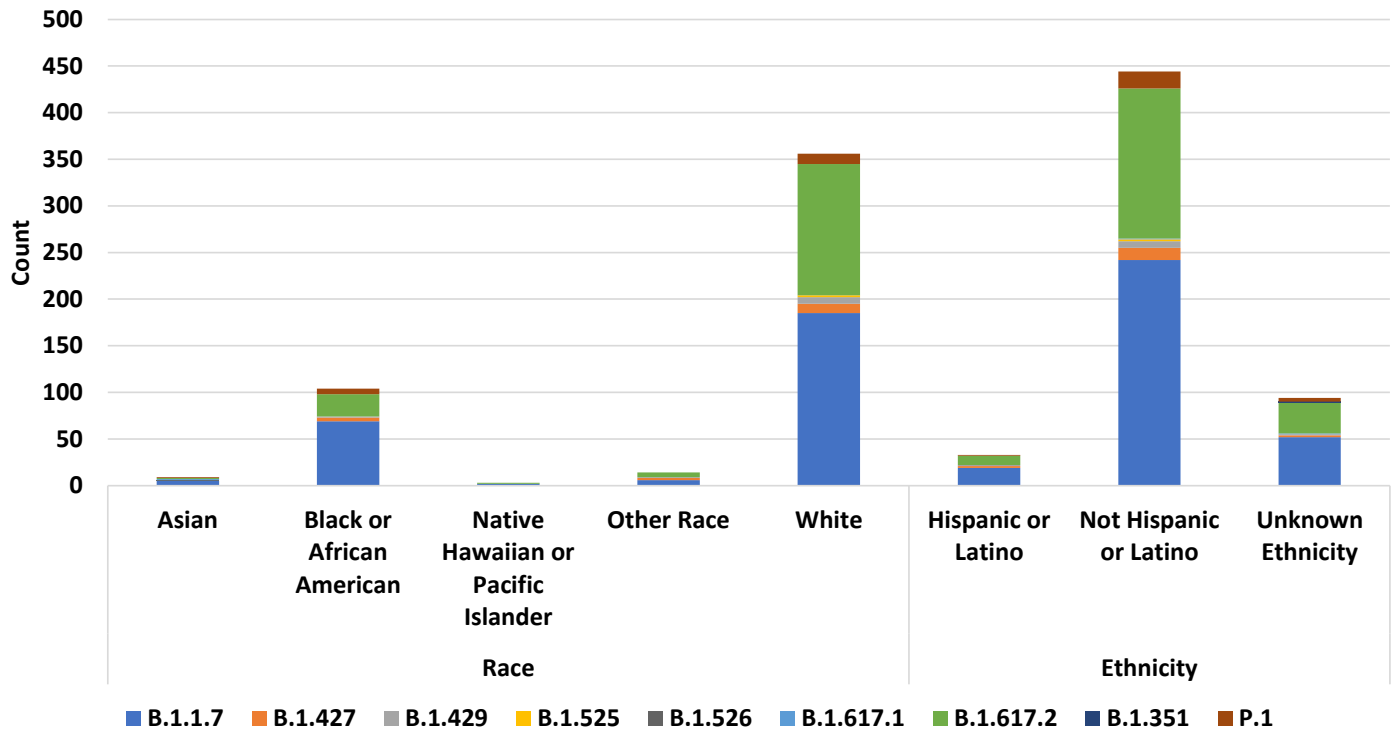
*** Currently a Variant of Interest

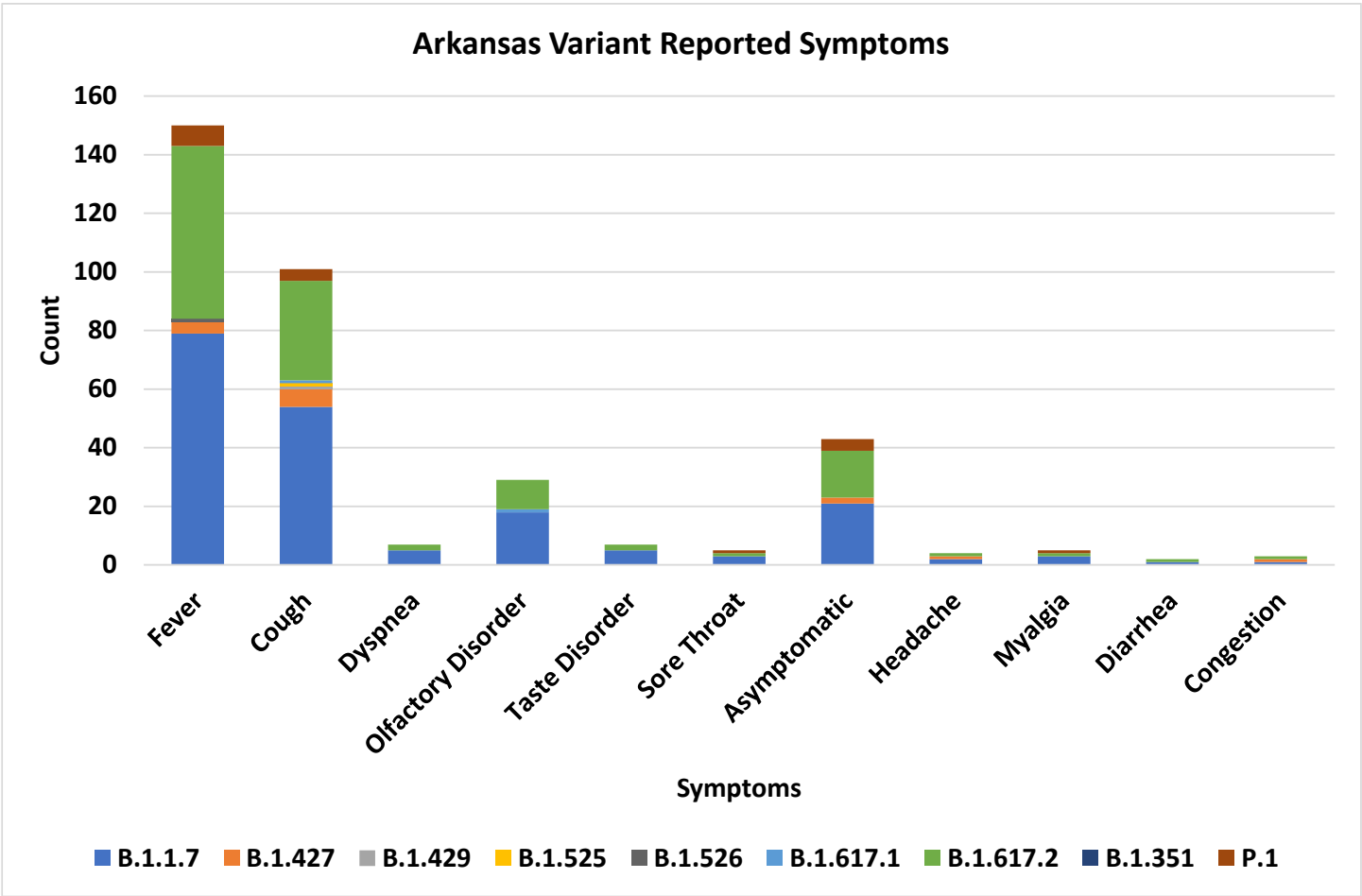
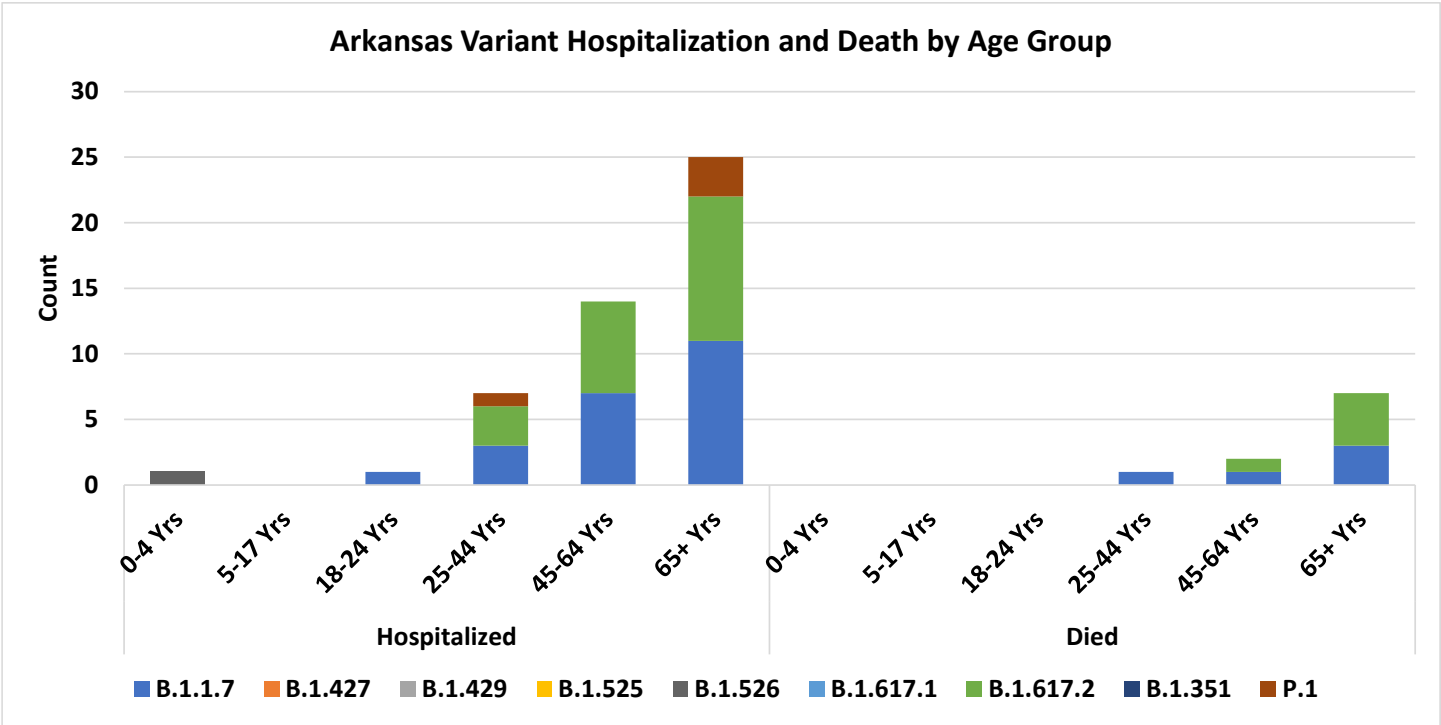


Arkansas Reported Variant Count by Age Groups

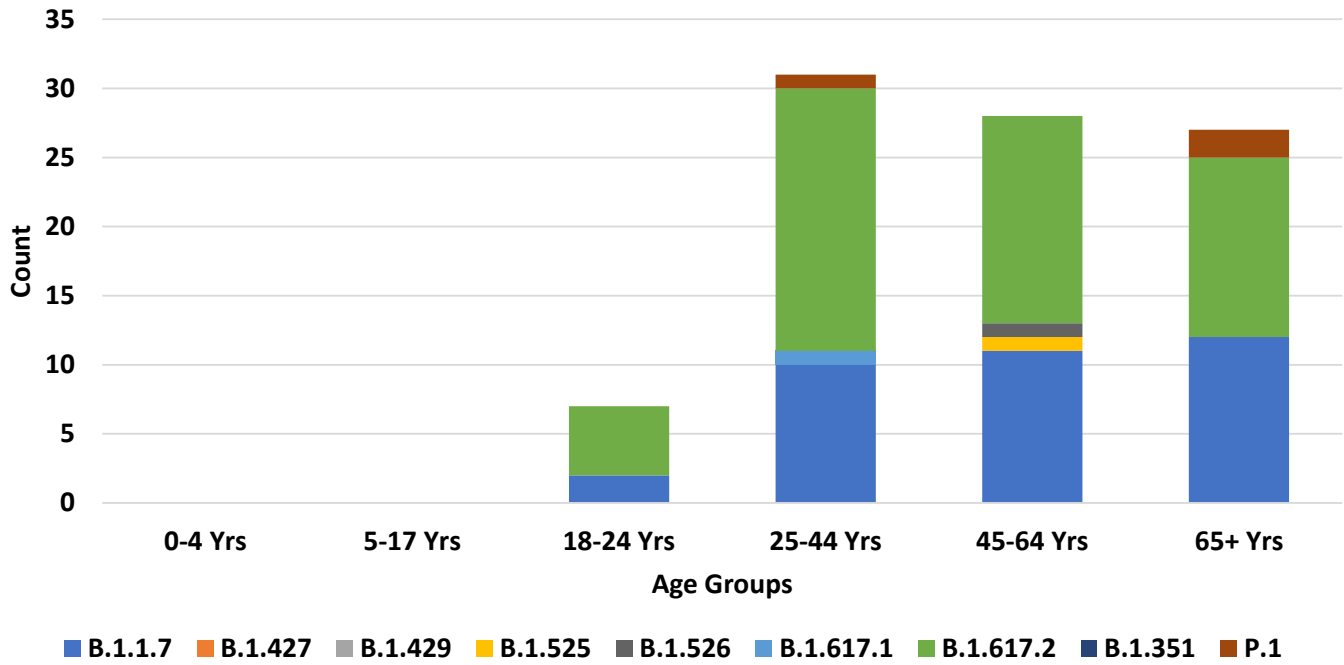


Arkansas Reported Variant Count by Race and Ethnicity

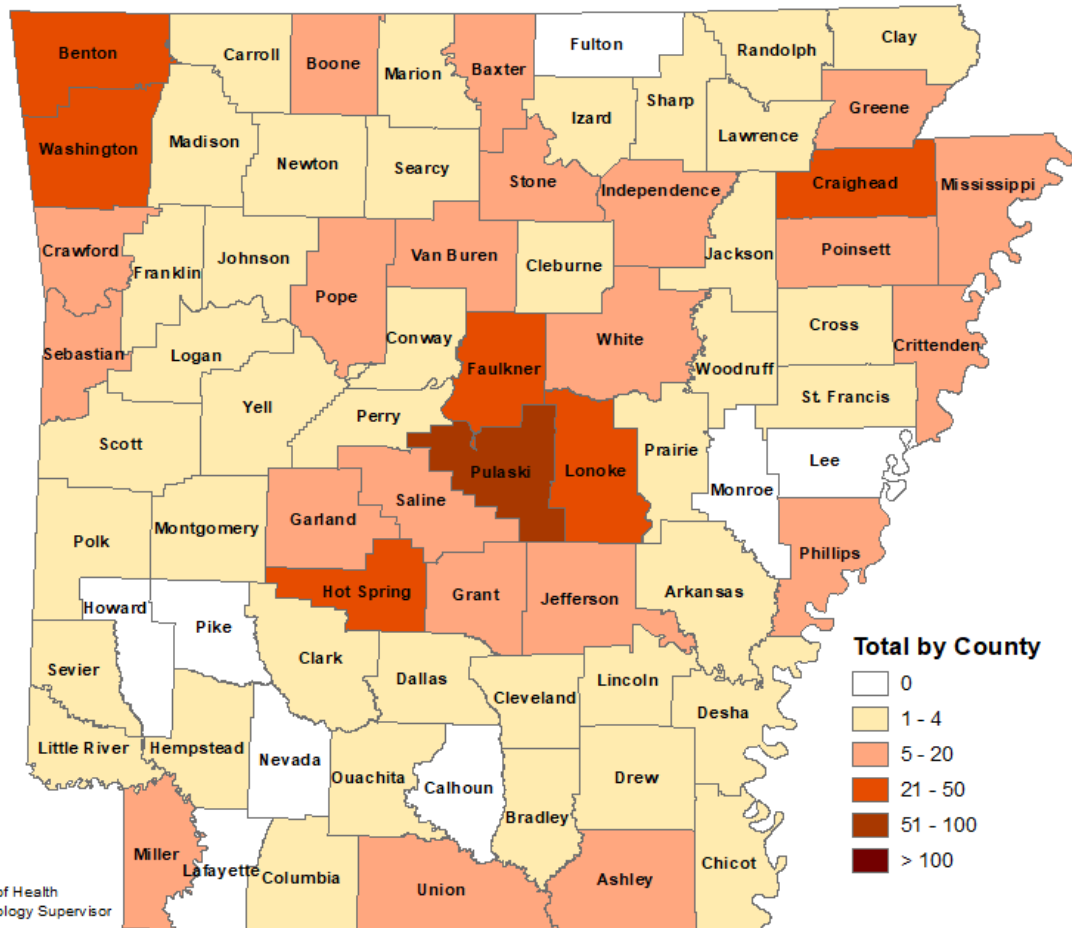




Arkansas Vaccine Breakthrough by Variant and Age Groups



Confirmed COVID-19 Variants by County As of July 10, 2021 Arkansas Total: 753



Date: July 12, 2021
Source: Arkansas Department of Health
Author: Haytham Safi, Epidemiology Supervisor